

10/580261

AP20 Rec'd PCT/PTO 25 MAY 2006

Docket No.: R2184.0499/P499
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Masahiro Higashiguchi et al.

Application No.: Not Yet Assigned

Confirmation No.: N/A

Filed: May 24, 2006

Art Unit: N/A

For: PRINTED CIRCUIT BOARD, A PRINTED
CIRCUIT ASSEMBLY AND ELECTRONIC
APPARATUS

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

A summary/abstract translation of the non-English language references is enclosed.

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper

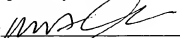
Application No.: Not Yet Assigned

Docket No.: R2184.0499/P499
AP20 Rec'd PCT/PTC 25 MAY 2006

hereafter filed in this application by this firm) to our Deposit Account No. 04-1073,
under Order No. R2184.0499/P499. A duplicate copy of this paper is enclosed.

Dated: May 24, 2006

Respectfully submitted,

By 

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PTO/SB/08a/b (07-05)

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Substitute for form 1449A/B/PTO		Complete if Known 302560261	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	Not Yet Assigned
		Filing Date	May 24, 2006
		First Named Inventor	Masahiro Higashiguchi
		Art Unit	N/A
		Examiner Name	Not Yet Assigned
Sheet	1	of	1
		Attorney Docket Number	R2184.0499/P499

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number/Kind Code ¹ (if known)			
/CP/	AA	US-5,421,081	06-06-1995	Sakaguchi, et al.	
/CP/	AB	US-6,175,086	01-16-2001	Nakamura	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ² -Number ³ -Kind Code ⁵ (if known)					
/CP/	BA	JP-2002-100412-A		04-05-2002			
/C.P./	BB	JP-2002-111170-A		04-12-2002			
/C.P./	BC	JP-10-321981-A		12-04-1998			
/C.P./	BD	JP-2002-100412-A		04-05-2002			
/C.P./	BE	JP-4-192596-A		07-10-1992			
/C.P./	BF	JP-10-56257-A		02-24-1998			
/C.P./	BG	JP-2004-304019-A		10-28-2004			

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Chandrika Prasad/	Date Considered	04/11/2007
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